



PRE-CHOPPER FOR WIRE

PC 64



PRODUCT DESCRIPTION

The PC 64 Pre-Chopper is designed specifically for the application of reducing large bundles of scrap wire into relatively free-flowing segments of wire as preparation for granulation in a Triple/S Dynamics non-ferrous metals reclamation plant.

This is a new design for a Pre-Chopper, which draws on the best attributes of both the granulator and the rotary shear shredder. The result is a machine that can take loads of up to 600 pounds of loose copper scrap wire, and turn this into a 2" granulator feed at rates over 20,000 pounds per hour.

Considering the high cost of preparing scrap wire through more labor-intensive methods, the PC 64 is a rapid-return investment. Added economic incentives include improved granulation efficiencies that result from the more even flow of smaller wire segments that the PC 64 produces.

For mixed copper, or aluminum, or ACSR, the PC 64 delivers the performance and low cost reliability that has made Triple/S Dynamics' equipment the benchmark of the non-ferrous recycling industry.



HOW THE PRE-CHOPPER 64 SYSTEM WORKS

Key elements that work together to deliver the superior performance of the PC 64 include:

- The unique rotor and knife design
- The discharge gate
- The massive flywheel and clutch assembly that connects the rotor to the 250 horsepower drive

The rotor is designed to match 24 rotary knives to 8 stationary knives. All 32 knives are of an identical, maintenance and budget-friendly design; machined from D2 tool steel. The staggered knife profile provides optimal feeding and cutting performance.

The massive flywheel evens out the loading on the PC 64, and carries the rotor through heavy loads that would stall conventional shear shredders. For smoother performance and safety, the flywheel is connected to the PC 64 through a precision clutch assembly.

The discharge gate controls the final segment length produced by the PC 64. Grate apertures are available in sizes from 1/2" to 4". Grate aperture sizes are selected to best match performance of the pre-chopper to the material to be processed. Grate removal and installation is a quick and easy task with the optional hydraulic lift assembly.